

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/996,738

DATE: 12/06/2001

TIME: 15:09:47

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\12062001\I996738.raw

ENTERED

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4 <110> APPLICANT: Biogen, Inc.
5   De Fougérolles, Antonin
6   Gotwals, Philip
7   Lobb, Roy
8   Koteliensky, Victor
10 <120> TITLE OF INVENTION: Method for the Treatment of Inflammatory
11   Disorders
13 <130> FILE REFERENCE: A076PCT
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/996,738
C--> 16 <141> CURRENT FILING DATE: 2001-11-30
18 <150> PRIOR APPLICATION NUMBER: 60/185336
19 <151> PRIOR FILING DATE: 2000-02-29
21 <150> PRIOR APPLICATION NUMBER: 60/137038
22 <151> PRIOR FILING DATE: 1999-06-01
24 <160> NUMBER OF SEQ ID NOS: 9
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 26
30 <212> TYPE: DNA
31 <213> ORGANISM: Homo Sapiens
33 <400> SEQUENCE: 1
34 caggatccgt cagccccaca tttaa                26
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 26
38 <212> TYPE: DNA
39 <213> ORGANISM: Homo Sapiens
41 <400> SEQUENCE: 2
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44 <210> SEQ ID NO: 3
45 <211> LENGTH: 26
46 <212> TYPE: DNA
47 <213> ORGANISM: rat
49 <400> SEQUENCE: 3
50 caggatccgt cagtctaca tttaa                26
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 26
54 <212> TYPE: DNA
55 <213> ORGANISM: rat
57 <400> SEQUENCE: 4
58 tcttcgagcg cttccaaagc gaatat                26
60 <210> SEQ ID NO: 5
61 <211> LENGTH: 212
62 <212> TYPE: PRT
63 <213> ORGANISM: rat
65 <400> SEQUENCE: 5
66 Val Ser Pro Thr Phe Gln Val Val Asn Ser Phe Ala Pro Val Gln Glu
67 1          5          10          15

```

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68 Cys Ser Thr Gln Leu Asp Ile Val Ile Val Leu Asp Gly Ser Asn Ser
69      20      25      30
70 Ile Tyr Pro Trp Glu Ser Val Ile Ala Phe Leu Asn Asp Leu Leu Lys
71      35      40      45
72 Arg Met Asp Ile Gly Pro Lys Gln Thr Gln Val Gly Ile Val Gln Tyr
73      50      55      60
74 Gly Glu Asn Val Thr His Glu Phe Asn Leu Asn Lys Tyr Ser Ser Thr
75 65      70      75      80
76 Glu Glu Val Leu Val Ala Ala Lys Lys Ile Gly Arg Gln Gly Gly Leu
77      85      90      95
78 Gln Thr Met Thr Ala Leu Gly Ile Asp Thr Ala Arg Lys Glu Ala Phe
79      100     105     110
80 Thr Glu Arg Ala Arg Arg Gly Val Lys Lys Val Met Val Ile Val Thr
81      115     120     125
82 Asp Gly Glu Ser His Asp Asn Tyr Arg Leu Lys Gln Val Ile Gln Asp
83      130     135     140
84 Cys Glu Asp Glu Asn Ile Gln Arg Phe Ser Ile Ala Ile Leu Gly His
85 145     150     155     160
86 Tyr Asn Arg Gly Asn Leu Ser Thr Glu Lys Phe Val Glu Glu Ile Lys
87      165     170     175
88 Ser Ile Ala Ser Glu Pro Thr Glu Lys His Phe Phe Asn Val Ser Asp
89      180     185     190
90 Glu Leu Ala Leu Val Thr Ile Val Lys Ala Leu Gly Glu Arg Ile Phe
91      195     200     205
92 Ala Leu Glu Ala
93      210
95 <210> SEQ ID NO: 6
96 <211> LENGTH: 212
97 <212> TYPE: PRT
98 <213> ORGANISM: Homo Sapiens
100 <400> SEQUENCE: 6
101 Val Ser Pro Thr Phe Gln Val Val Asn Ser Ile Ala Pro Val Gln Glu
102 1      5      10      15
103 Cys Ser Thr Gln Leu Asp Ile Val Ile Val Leu Asp Gly Ser Asn Ser
104      20      25      30
105 Ile Tyr Pro Trp Asp Ser Val Thr Ala Phe Leu Asn Asp Leu Leu Lys
106      35      40      45
107 Arg Met Asp Ile Gly Pro Lys Gln Thr Gln Val Gly Ile Val Gln Tyr
108      50      55      60
109 Gly Glu Asn Val Thr His Glu Phe Asn Leu Asn Lys Tyr Ser Ser Thr
110 65      70      75      80
111 Glu Glu Val Leu Val Ala Ala Lys Lys Ile Val Gln Arg Gly Gly Arg
112      85      90      95
113 Gln Thr Met Thr Ala Leu Gly Thr Asp Thr Ala Arg Lys Glu Ala Phe
114      100     105     110
115 Thr Glu Arg Ala Arg Arg Gly Val Lys Lys Val Met Val Ile Val Thr
116      115     120     125
117 Asp Gly Glu Ser His Asp Asn His Arg Leu Lys Lys Val Ile Gln Asp
118      130     135     140

```

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119 Cys Glu Asp Glu Asn Ile Gln Arg Phe Ser Ile Ala Ile Leu Gly Ser
120 145                               150                               155                               160
121 Tyr Asn Arg Gly Asn Leu Ser Thr Glu Lys Phe Val Glu Glu Ile Lys
122                               165                               170                               175
123 Ser Ile Ala Ser Glu Pro Thr Glu Lys His Phe Phe Asn Val Ser Asp
124                               180                               185                               190
125 Glu Leu Ala Leu Val Thr Ile Val Lys Thr Leu Gly Glu Arg Ile Phe
126                               195                               200                               205
127 Ala Leu Glu Ala
128 210
130 <210> SEQ ID NO: 7
131 <211> LENGTH: 6
132 <212> TYPE: PRT
133 <213> ORGANISM: rat
135 <400> SEQUENCE: 7
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137 1 5
139 <210> SEQ ID NO: 8
140 <211> LENGTH: 6
141 <212> TYPE: PRT
142 <213> ORGANISM: Homo Sapiens
144 <400> SEQUENCE: 8
145 Val Gln Arg Gly Gly Arg
146 1 5
148 <210> SEQ ID NO: 9
149 <211> LENGTH: 6
150 <212> TYPE: PRT
151 <213> ORGANISM: Homo Sapiens
153 <400> SEQUENCE: 9
154 Val Gln Arg Gly Gly Arg
155 1 5

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/996,738

DATE: 12/06/2001

TIME: 15:09:48

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\12062001\I996738.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date